

Attorney Docket: 64098-0888  
S.N.: 10/018,269

# AMENDMENTS TO THE CLAIMS

Claims 1-12 (Previously canceled)

13. (Currently Amended) Method of modulating brake pressure of a vehicle brake circuit, comprising the steps of:

categorizing a vehicle brake circuit into a leading wheel brake circuit portion and a following wheel brake circuit portion,

~~determining which of said portions has the higher brake pressure demand, and which of said portions has the lower brake pressure demand, determining brake pressure demands for the leading and following wheel brake circuit portions;~~

introducing, maintaining, and reducing the brake pressure of the following wheel brake circuit portion in dependence on the leading wheel brake circuit portion, such that ~~the brake pressure demand in the following wheel brake circuit is adjusted before adjusting the brake pressure demand in the leading brake circuit~~ a pressure fluid is introduced into the following brake circuit portion in a magnitude established by way of the leading wheel brake circuit portion.

14. (Currently Amended) Method as claimed in claim 13, wherein the leading wheel brake circuit portion is connected to a pressure fluid source by way of opening of a switch valve, and the pressure fluid is introduced into the leading and following wheel brake circuit portions by way of ~~the a~~ pressure fluid pump arranged in the vehicle brake circuit, with the following wheel brake circuit portion being separated from the pressure fluid source by a separating valve.

15. (Currently Amended) Method as claimed in claim 13, wherein the leading wheel brake circuit portion is connected to a pressure fluid accumulator and the pressure fluid is introduced into the leading and following wheel brake circuit portions by way of ~~the a~~ pressure fluid pump arranged in the vehicle brake circuit, wherein the leading and following wheel brake circuit portions are separated from a pressure fluid source by a separating valve.

16. (Currently Amended) Method as claimed in claim ~~13~~ 13, further including ~~the~~ a step of controlling the brake pressure demands of the leading and following wheel brake

Attorney Docket: 64098-0888  
S.N.: 10/018,269

circuit portions by way of an inlet valve of the following wheel brake circuit portion according to the brake pressure demand, wherein an inlet valve of the leading wheel brake circuit portion remains open, and the outlet valves of the leading and following wheel brake circuit portions remains closed.

17. (Currently Amended) Method as claimed in claim 13, wherein the brake pressure demand of the following wheel brake circuit portion is changed by delivery out of the leading wheel brake circuit portion, wherein an inlet valve of the following wheel brake circuit portion remains open.

18. (Currently Amended) Method as claimed in claim 16, wherein ~~when the a~~ brake pressure is introduced and is increased compared to the brake pressure demand of the leading wheel brake circuit portion, the inlet valve of the leading wheel brake circuit portion is closed in dependence on the brake pressure in the vehicle brake circuit or in dependence on a time constant correlated to a condition variable.

19. (Currently Amended) Method as claimed in claim 13, wherein the brake pressure in the leading wheel brake circuit portion is discharged into ~~the a~~ pressure fluid source by way of the vehicle brake circuit by opening ~~the a~~ separating valve.

20. (Previously Presented) Method as claimed in claim 13, wherein the brake pressure in the following brake circuit portion is discharged through a return line into a pressure fluid accumulator by opening an outlet valve when an inlet valve is closed.

21. (Previously Presented) Method as claimed in claim 13, wherein the characteristics for the steps introduction, maintaining, and reduction of the brake pressure are predetermined by a pressure controller.

22. (Currently Amended) Method as claimed in claim 13, wherein ~~the a~~ pressure fluid pump is controlled by way of a pulse-width modulated control signal, predetermined by ~~the a~~ pressure controller during the introduction of the brake pressure into the leading and following wheel brake circuit portions.

Attorney Docket: 64098-0888  
S.N.: 10/018,269

B2  
23. (Currently Amended) Method as claimed in claim 13, wherein ~~the~~a pressure fluid pump is operated during the steps maintaining and ~~reduction~~reducing of the brake pressures by way of adjusting ~~the~~an energy supply, or ~~the~~a rotational speed, or ~~the~~a conveying capacity in a predetermined basic (load) condition.

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